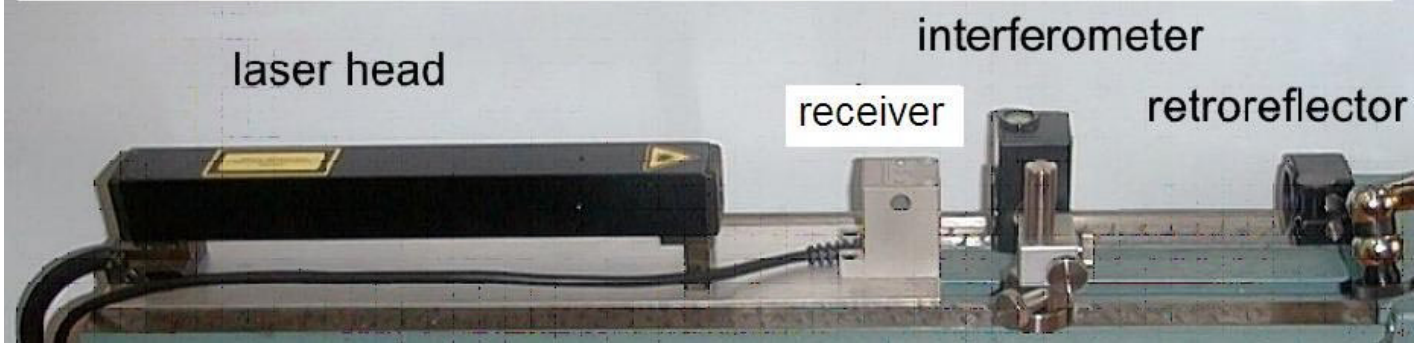


Feanor

LN10 Low cost laser interferometer for OEM applications in metrology



Laser liner **LN10** – basic configuration for linear displacement measurements with the system for vertical and horizontal position measurement

System consists of:

1. LH 01 - laser head,
2. PS 01 - power supply,
3. Optics for linear measurements (LI 01 – linear interferometer, LR 01 - linear retro reflector)
4. MM 01 and MM 02 - magnetic mounting bases,
5. EC 01 - environmental compensation (sensors for temperature, pressure, humidity of air and 3 material temperature sensors)
6. software for linear positioning according to standard: ISO 230-2, PN-93/M-55580/81, NMTBA, VDI/DGO 3441, BSI BS 4656 P16.
7. software for linear displacement measurement, slow linear displacement registration, FFT analysis, speed measurement
8. Cables:

1.5 m cable connecting laser head with power supply,

5 m RS cable,

3 x 5m temperature sensor cable

9. Case

10. Certificate of laser frequency and environmental sensor calibration, issued by Technical University

11. User handbook in English

The laser interferometer communicates with PC Pentium computer or notebook via USB interface
15000 EUR

Options:

1. Additional measurement path (up to 3 additional paths to one laser head) – necessary optics and electronics: **5000 EUR**
2. Flat mirror measurement setup: price according to configuration
3. Dynamic measurements setup (data rate up to 100 kHz, also multi channel readouts): price according to configuration

Warranty: Price includes warranty – 12 months

On-site training c/o customer: forfeit **600 EUR/day**. Flight, hotel and other costs will be paid separately by customer according to documented expenses.

Payment: payment before shipping

Delivery: 5 - 6 weeks after date of order (standard configuration + options 1+2).
Options 4 and 5: delivery after 6 weeks.

* - optional accessory

We thank you for your interest in our product. Technical info is available on our website
www.feanor.com/laser_uk.htm

For information please contact:

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